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MIRFIELD URBAN DISTRICT

ANNUAL REPORT

OF THE MEDICAL OFFICER OF HEALTH

FOR THE YEAR 1947.

WILLIAM MASON DOUGLAS,
Medical Officer of Health.

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WILLIAM MASON DOUGLAS,
Medical Officer of Health.

ANNUAL REPORT FOR 1947.

TO THE CHAIRMAN AND MEMBERS OF THE
MIRFIELD URBAN DISTRICT COUNCIL.

Mr. Chairman and Gentlemen,

I have the honour to present the Annual Report for the Urban District of Mirfield for the year 1947. Dr. Battersby resigned his appointment as Medical Officer of Health on 30th September, 1947, since which date I assumed the duties of Medical Officer of Health to the Mirfield Urban District Council in addition to similar duties with the Spenborough Urban District Council and later as Divisional Medical Officer under the County Council scheme of Divisional Administration of the Preventive Medical Service, for which they are responsible under the National Health Service Act, 1946.

Statistically the year in Mirfield has been a very mixed one. It is satisfactory to record a very high birth rate for Mirfield of 20.4, which compares favourably with the national average of 20.5 ; the low infant mortality rate (33.5) which is considerably less than the National average (41.0) ; the happy circumstance that once again there were no maternal deaths ; and the fact that for the second year in succession no cases of diphtheria were notified.

On the other hand the death rate rose to the high figure of 16.4. Almost three quarters of the deaths were caused by Heart Disease (50), Cancer (35), and Intra Cranial Vascular Lesions (33), these being diseases which affect people mainly in the later years of life, and more than half the deaths occurred in persons over the age of 65 years.

Mirfield was hit by the nationwide increase in poliomyelitis which occurred in the second half of the year. Five notifications of the disease were confirmed. Unhappily one young married woman died of the disease, and prolonged hospital treatment was necessary in other cases. No causitive factor was traced, and it is remarkable that all the cases occured in the Battyeford Ward. A moderate epidemic of measles occurred in the first two quarters of the year and 172 notifications were received. The incidence of other infectious diseases was, however, extremely light.

I am indebted to Mr. H. H. Johnson, Chief Sanitary Inspector, for the report which he has made to me on the sanitary conditions of the area. That part relating to the Cleansing Department extends to the end of the financial year, that is 31st March, 1948.

Mirfield, like most other districts of this type, has a large number of insanitary buildings and the work of inspection and the following up of notices served, which plays such a large part in the mitigation of such conditions, has been given priority in the Sanitary Inspector's duties. The Sanitary Inspector has many additional tasks to perform these days, such as grading of houses in connection with the Points Priority Scheme for re-housing, rodent control, inspection duties at the abattoir, cleansing, etc., and there is no doubt in my mind that much benefit would result from the employment of additional staff.

The most satisfactory feature of the year was the occupation of the 50 Aluminium Prefabricated Bungalows and 14 of the permanent type houses. During the year one new slaughter house in connection with a bacon factory was licensed. The number of unsatisfactory samples of milk taken for bacteriological examination appears to be unduly high, but these are not random samples and include special cases on which attention has been concentrated. In view of the trying weather in the earlier part of the year the fact that a weekly collection of refuse was maintained during the year speaks very highly for the work of the staff employed in these duties.

Overcrowding and insanitary conditions of housing, food rationing, the need for female labour in industry, and perhaps in particular, atmospheric pollution, are the main factors which I consider to be predjudicial to the health and happiness of the people of Mirfield. As regards housing all is being done locally that can be done. Over the other factors we have little or no control and must await anxiously the march of events.

I should like, in conclusion, to express my sincere thanks to the committee for the kind reception which they have invariably accorded to me, and for their help and support. Particularly I wish to thank Mr. Johnson for the manner in which he has assisted me since I took up my duties in Mirfield.

I am,

Mr. Chairman and Gentlemen,

Your Obedient Servant,

W. M. DOUGLAS,

Medical Officer of Health.

PUBLIC HEALTH DEPARTMENT STAFF.

Medical Officer of Health—

J. BATTERSBY, M.B., Ch.B., D.P.H.
(Resigned 30th September, 1947).

W. M. DOUGLAS, M.B. Ch.B., D.P.H.
(Commenced 1st October, 1947).

Sanitary Inspector—

H. H. JOHNSON, C.R.S.I., M.S.I.A.

Clerical Staff—

Miss M. Popplewell, (Part time) Clerk.
Miss J. White, Sanitary Inspector's Clerk.

STATISTICS & SOCIAL CONDITIONS OF THE AREA.

Area (in Acres)	3,394
Population (Registrar-General's Estimate) ...	11,690
Average number of persons per acre	4.88
Rateable Value	£54,108
Product of a Penny Rate	£215 6 8.5d.

Population.

The population of the Mirfield Urban District, as estimated by the Registrar General, for the middle of 1947 is 11,690, and this figure is used throughout this report in calculating rates.

TABLE A.

Live Births—	Males.	Females.	Total.
Legitimate	108	124	232
Illegitimate ...	5	2	7
Total	113	126	239

Birth Rate per 1,000 estimated population : 20.4.

Still Births—	Males.	Females.	Total.
Legitimate	1	7	8
Illegitimate ...	—	—	—
Total	1	7	8

Still Birth Rate per 1,000 total live and still births : 32.38.

Deaths—	Males.	Females.	Total.
	92	100	192

Death Rate per 1,000 estimated population : 16.4.

Deaths from Puerperal Causes : Nil. Death Rate : Nil.

	Legitimate.	Illegitimate.	Total.
Deaths of Infants under 1 year ...	8	—	8

Death Rate per 1,000 live births ... 33.5.

Death Rate of Legitimate Infants per 1,000 legitimate live births 34.5

Death Rate of Illegitimate Infants per 1,000 illegitimate births —

There were 239 live births during the year, which is 85 more than in 1946 ; the birth rate at 20.4 has consequently risen from its low level of last year (13.4), and can be favourably compared with the National average of 20.5.

The still birth rate of 32.38 per thousand live and still births shows a decrease of 17.0 per thousand over the previous year. All the still births occurred in legitimate pregnancies and in each case the medical facts were investigated as fully as possible. There were no deaths from puerperal causes.

There were 192 deaths among Mirfield residents in 1947, and a death rate of 16.4 per thousand. This is above that for 1946 (14.2), and still higher than that for England and Wales, and that for the aggregate of West Riding Urban Districts (12.7). Almost three quarters of these were caused by Heart Disease (50), Cancer (35), and Intra Vascular Lesions (33).

Of the 8 instances of deaths within the first year of life occuring in 1947, the most frequent causes are prematurity (4 cases) and gastro enteritis (2 cases). The death rate of infants under 1 year, 33.5 per thousand live births, is lower than that for England and Wales (41.0) and that for the aggregate of West Riding Urban Districts (44.0)

Table B.—Birth Rates, Death Rates, Analysis of Mortality, Maternal Death Rate, and Case Rate for Certain Infectious Diseases in the year 1947 compared with other areas.

RATES PER 1,000 TOTAL POPULATION.

	England and Wales.	126 County Borough and Great Towns including London.	148 Smaller Towns Estimated resident Population 25,000—50,000, 1931 Census	London Admin. County	Aggregate West Riding Urban Districts	Mirfield
Births						
Live	20.5	23.3	22.2	22.7	21.6	20.4
Still	0.5	0.62	0.54	0.49		0.68
Deaths						
All causes ...	12.0	13.0	11.9	12.8	12.7	16.4
Typhoid and Para Typhoid ...	0.00	0.00	0.00	0.00		0.00
Scarlet Fever ...	0.00	0.00	0.00	0.00		0.00
Whooping Cough ...	0.02	0.03	0.02	0.02		0.00
Diphtheria ...	0.01	0.01	0.01	0.01	0.16	0.00
Influenza ...	0.09	0.09	0.08	0.08		0.08
Small Pox ...	0.00	0.00	0.00	0.00		0.00
Measles	0.01	0.02	0.02	0.01		0.00
Notifications						
Typhoid Fever ...	0.01	0.01	0.00	0.01		0.00
Para Typhoid Fever ...	0.01	0.01	0.01	0.01		0.00
Cerebro Spinal Fever	0.05	0.06	0.05	0.05		0.00
Scarlet Fever ...	1.37	1.54	1.37	1.31		0.17
Whooping Cough ...	2.22	2.41	2.02	2.80		0.43
Diphtheria ...	0.13	0.15	0.14	0.14		0.00
Erysipelas ...	0.19	0.21	0.18	0.22		0.00
Small Pox ...	0.00	0.00	0.01	0.00		0.00
Measles	9.41	9.13	9.58	5.29		14.7
Pneumonia ...	0.79	0.89	0.68	0.64		0.08
Deaths under 1 year of age (Rates per 1,000 Live Births) ...	41.0	47.0	36.0	37.0	44.0	33.5
Deaths from Diarrhoea and Enteritis under 2 years of age (Rates per 1,000 Live Births) ...	5.80	8.00	3.70	4.80	5.17	8.37
Maternal Mortality (Rates per 1,000 total Live and Still Births)						
Abortion with Sepsis ...	0.10					—
Abortion without Sepsis	0.06					—
Puerperal Infections ...	0.16				0.24	—
Other maternal causes	0.85				0.88	—

Table C.

CAUSES OF, AND AGES AT DEATH DURING THE YEAR 1947

Causes of Death	All Ages	Under 1 year	1 and under 5 years	5 and under 15 years	15 and under 25 years	25 and under 45 years	45 and under 65 years	65 years and over	Males	Females	Deaths in Institutions
Respiratory Tuberculosis...	4				1	3			1	3	
Other forms of Tuberculosis ...	2	1			1					2	1
Influenza	1					1			1		
Cancer	35					1	12	22	11	24	1
Diabetes	1							1		1	
Intra Cranial Vas. Lesions	33					2	5	26	12	21	5
Heart Disease ...	50					1	16	33	29	21	11
Other Diseases of Circ. System ...	8						3	5	6	2	
Bronchitis	11						4	7	7	4	1
Pneumonia	5					1	2	2	1	4	2
Other Respiratory Diseases	1						1		1		1
Diarrhoea under 2 years ...	2	2								2	1
Appendicitis	1					1			1		1
Other Digestive Diseases ...	6						3	3	4	2	2
Nephritis	4					1		3	3	1	3
Premature Birth ...	4	4							1	3	4
Conjenital Mal. Birth											
Injury Infant Diseases ...	1	1								1	1
Poliomyelitis	1				1					1	1
Road Traffic Accidents ...	2					1	1		2		
Suicide	1						1			1	
Other Violent Causes ...	10					2	4	4	6	4	3
All Other Causes ...	9		1		1		2	5	6	3	7
TOTAL—All Causes ...	192	8	1		4	14	54	111	92	100	45

Table D.

CAUSES OF INFANTILE MORTALITY IN MIRFIELD URBAN DISTRICT, 1947

Causes of Death	1 day and under	2—7 days	8—14 days	15—21 days	22—28 days	In First Month	2—3 months	4—6 months	7—9 months	10—12 months	In First Year	1st Quarter	2nd Quarter	3rd Quarter	4th Quarter
Premature Birth ...	3	1				4					4			3	1
Conjenital Deformity ...	1					1					1		1		
Gastro-Enteritis ...							1	1			2		1		1
Tubercular Peritonitis ...										1	1			1	
TOTALS ...	4	1				5	1	1		1	8		2	4	2

Table E.

CASES OF INFECTIOUS DISEASE occuring in Mirfield Urban District classified according to Age Groups and Wards, 1947

Diseases	All Ages	Under 1 year	1 to 5 years	5 to 15 years	15 to 25 years	25 to 45 years	45 to 65 years	Over 65 years	Age Unknown	Hopton	Battyeford	Eastthorpe	Northorpe	Removed to Hospital
Scarlet Fever... ...	2			2							1		1	1
Measles	172	3	136	32					1	36	90	30	16	
Whooping Cough ...	5	1	4							1	3	1		
Pneumonia	1			1							1			
Poliomyelitis ...	5		3	1	1						5			3
Polioencephalitis ...	1					1							1	1
Ophthalmia Neonatorum...	2	2								1	1			
Primary Malaria ...	1				1						1			
TOTALS ...	189	6	143	36	2	1			1	38	102	31	18	5

Table F. CASES OF INFECTIOUS DISEASES occuring in Mirfield Urban District classified according to Wards and Quarters, 1947

Diseases	Hopton				Battyeford				Eastthorpe				Northorpe				Mirfield			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Scarlet Fever								1								1				2
Measles	4	31	1		69	19	2		10	20			12	3		1	95	73	3	1
Whooping Cough ...	1						3		1								2		3	
Pneumonia						1												1		
Poliomyelitis							5												5	
Polioencephalitis ...															1				1	
Ophthalmia Neonatorum ...				1			1												1	1
Primary Malaria ...							1												1	
TOTALS ...	5	31	1	1	69	20	12	1	11	20			12	3	1	2	97	74	14	4

Table G.

INFANTILE AND MATERNAL MORTALITY RATES OF MIRFIELD FOR THE PAST 18 YEARS.

Year			Births	Infant Deaths	Maternal Deaths	Infant Mortality Rate	Maternal Mortality Rate.
1930	...	...	163	5	—	18.4	—
1931	...	...	158	8	—	51.0	—
1932	...	...	153	14	—	91.0	—
1933	...	...	152	10	1	66.0	6.6
1934	...	...	176	8	2	67.0	11.4
1935	...	...	169	7	—	41.4	—
1936	...	...	144	7	—	48.6	—
1937	...	...	142	7	1	49.3	6.8
1938	...	...	146	6	1	41.1	6 5
1939	...	...	121	7	—	57.8	—
1940	...	...	132	6	—	45.1	—
1941	...	...	112	11	—	97.3	—
1942	...	...	158	11	—	69.6	—
1943	...	...	161	4	—	24 8	—
1944	...	...	193	6	1	31.1	5.2
1945	...	...	197	5	—	25.4	—
1946	...	...	154	5	—	32.0	—
1947	...	...	239	8	—	33.5	—

Table H.

VITAL STATISTICS OF THE MIRFIELD URBAN DISTRICT FOR 1940—1947.

YEAR	Population estimated to middle of each year	Births		Net Deaths belonging to the District			
				Under 1 year		At all ages	
		Number	Rate	Number	Rate per 1,000 Births	Number	Rate
1940	11.520	132	11.5	6	45.1	164	13.5
1941	11,560	112	9.7	11	97.3	154	13.3
1942	11,280	158	14.0	11	69.6	153	13.6
1943	11.040	161	14 6	4	24.8	157	14.2
1944	11,170	193	17.3	6	31.1	140	12.5
1945	11,070	197	17.8	5	25.4	140	12.6
1946	11,480	154	13.4	5	32.0	163	14.2
1947	11,690	239	20.4	8	33.5	192	16.4

DIPHTHERIA IMMUNISATION.

Children were immunised under the County Council's Scheme either by their own doctor or at the Infant Welfare Centre and School Clinic. The following table gives particulars of the number of children immunised during the year.

Table I.

Period	Under 5	5—14	Re-inforcing
6 months ending 30th June, 1947	27	5	4
6 months ending 31st Dec., 1947	75	5	7
TOTAL ...	102	10	11

It is estimated that approximately 44 per cent of the children in age group 1—5 years are protected against diphtheria and that in the age group 5—15, 66 per cent are so protected. These percentages, of both groups, cannot be regarded as satisfactory. There is no reason whatever why diphtheria should not disappear almost completely if the parents of all children face up to their responsibilites in the matter.

TUBERCULOSIS.

Eleven fresh cases were notified; 6 Pulmonary (3 Male, 3 Female) and 5 Non-Pulmonary (1 Male, 4 Female). At the end of the year the figures representing the position in Mirfield were :—

Table J.

	Pulmonary		Non-Pulmonary	
	Male	Female	Male	Female
(a) Number of Cases on Register at commencement of year	19	13	7	11
(b) Number of Cases notified first time during the year	3	3	1	4
(c) Number of Cases restored to the Register	—	—	—	—
(d) Number of Cases removed from Register	2	3	1	—
(e) Number of Cases remaining on Register	20	13	7	15

	PULMONARY		NON PULMONARY	
	Male	Female	Male	Female
Under 1 ...	—	—	—	—
1- 5 ...	—	—	—	—
5-10 ...	—	—	—	1
10-15 ...	—	—	1	1
15-20 ...	1	—	—	—
20-25 ...	—	—	—	—
25-35 ...	1	2	—	1
35-45 ...	1	1	—	—
45-55 ...	—	—	—	1
55-65 ...	—	—	—	—
65 & Over ...	—	—	—	—
	3	3	1	4

SANITARY CIRCUMSTANCES OF THE AREA.

I am indebted to Mr. H. H. Johnson, Chief Sanitary Inspector, who has furnished me with the following report upon his work, and upon the sanitary circumstances of the area in accordance with the Sanitary Officers' (outside London) regulations, 1935. In spite of difficulties caused by the severe weather in the early part of the year a fine record of work and a good service to the public has been maintained.

Sanitary Conveniences :

Closet Accommodation, December 31st, 1947 :

Number of Privies	256
,, Privy Middens	154
,, Dry Ashpits	22
,, Dust Bins	3665
,, Water Closets	3945
,, Waste Water Closets ...	45
,, Pail or Tub Closets	40
,, Privies Discontinued ...	4

Number of Water Closets provided during the year is as follows ;

By conversion of Privies to Water Closets	3
By provision of Extra Closet Accommodation to existing property where insufficient	7
By provision to New Property	37
By conversion of Waste Water Closets to W.C.'s ...	4
By conversion of Tub Closets to W.C.'s	Nil
TOTAL ...	51

	Privies	W.C.	Waste W.C.	Tub Closets	Bins
Eastthorpe Ward	36	1047	10	5	955
Hopton Ward	57	623	25	21	695
Battyeford Ward	84	1211	10	12	995
Northorpe Ward	79	1064	—	2	1020
TOTALS	256	3945	45	40	3665

SANITARY INSPECTION OF THE DISTRICT.

Details of Inspections made.

The Term " inspection " refers to the primary visit made to the premises. A " re-inspection " is a visit made after a notice has been given for the remedying of a defect, to ascertain the action taken to comply with the notice.

Total number of inspections made ...	1392
Total number of re-inspections made ...	367

	Primary Inspections	Re-Inspections
Dwelling Houses.		
Ordinary	267	144
Municipal Houses	9	
Municipal Applications	392	
Housing Act 1936, Overcrowded ...	50	
Re Notifiable Diseases	2	
Sanitary Conveniences.		
Water Closets	86	18
Privies	65	8
Cesspools	3	
Refuse Storage.		
Ashplaces	3	2
Ashbins	67	6
Drains.		
Inspections	56	9
Chemical Test	2	
Sewers.		
Sewers	5	
Street Gullies	3	
Factories		
Factories (with mechanical power) ...	17	2
Factories (without mechanical power)	3	
Food Storage, Preparation, Etc.		
Bakehouses	10	9
Butchers' Shops	2	
Cowsheds	36	
Dairies, Milk Shops, Milk Stores ...	27	
Fish Fryers	7	1
Food Stores	1	1
Markets	6	
Shops	11	
Slaughter Houses	65	
Ice Cream Premises	8	
Miscellaneous.		
Accumulations	5	3
Animals, Poultry	7	
Canal Boats	2	
Nuisances found	16	
Piggeries	2	
Rats and Mice	28	
Sanitary Inspections	8	160
Schools	20	

Miscellaneous—continued.

Smoke Observations	2	
Special Visits	83	
Tips	5	
Urinals	5	3
Van Dwellings	1	
Yards and Courts	1	1
Stables	2	
Dangerous Structures	1	
Entertainment Houses	1	

NOTICES SERVED.

Informal Notices Served	51
Informal Notices complied with	41
Statutory Notices Served	5
Statutory Notices complied with	5
Notices Outstanding at end of 1947	31
Verbal Notices given and complied with for the Remedy of Defects, etc.	22
Letters sent	49
Complaints received	78
Complaints confirmed	61

SUMMARY OF SANITARY IMPROVEMENTS EFFECTED.

Houses

Houses made fit	32
Cleansed or Limed	4
Vermin Infested	2
Overcrowding Abated	—
Damp Proof Course Provided	—
Washing Accommodation Improved	2
Roofs Repaired	31
Eaves Spouting, Rain Water Fall Pipe Repaired ...	11
Rain Water Fall Pipe Disconnected	—
External Walls Repaired	2
Internal Walls Repaired	28
Floors Repaired	7
Doors Repaired	2
Fire-Places Repaired	6
Wells Abolished	1
Yards Paved	1
Yards Cleansed	2
Dangerous Structures Removed	1
Coal Stores Improved	1

Drains	
Opened for Inspection	7
Repaired	7
Reconstructed	4
Cleansed by Owner	9
Ventilated	2
Disconnected	—
Accumulations	
Manure	5
Other	3
Animals, Poultry, Etc.	
Nuisances Abated	5
Ash-Bins and Ash-Places	
Bins Renewed	67
Ash-Places Repaired	—
Water Closets	
Cleansed or Limed	9
Repaired	5
Additional W.C.'s Provided	7
Privies Repaired	2
Sinks	
New Sinks Provided	16
Waste Pipe Trapped	12
Waste Pipe Repaired	4
Piggeries	
Swine Removed	—

SHOPS ACT, 1934

Regular visits have been made under the Shops Act, 1934, during the year. No contraventions of the Act have been found.

SMOKE ABATEMENT.

Two observations were made during the year, and in no case was there an excessive emission of black smoke.

In general however, there is room for a good deal of improvement in the emission of black smoke from the Factory chimneys in the area. It is hoped that the supply of fuel will, in the near future, be improved in quality, and that in addition legislation will be introduced which will enable Local Authorities to deal more effectively with the whole problem of smoke abatement.

PREMISES AND OCCUPATIONS WHICH CAN BE CONTROLLED BY BYE-LAWS AND REGULATIONS.

All premises and occupations within the district which can be controlled by Bye-Laws are already so controlled. There are no Lodging Houses or Underground Sleeping Rooms and only occasionally do we have Van Dwelling in the district.

WATER.

(1) The district receives the bulk of its supplies from Huddersfield Corporation. Representations were made during the year regarding unsatisfactory supplies in certain areas of the district and these were improved. The supply is constant and direct to the houses.

In addition to the above there are six shallow wells, four springs and one private reservoir. On this latter means of supply 51 houses are solely and 6 houses partly dependent. During the year one shallow well supplying 4 houses was closed.

Six samples of water were submitted to the County Laboratory for examination. Two samples from a shallow well were reported unsatisfactory and one chemical sample from this source was reported to be of doubtful quality. The well referred to above served 4 houses and was closed. Four samples were from Huddersfield Corporation Towns Supply, one sample was classed as unsatisfactory and two were doubtful. The Waterworks Engineer had the water in the service reservoir treated as a precautionary measure and a later sample was reported to be satisfactory.

Plumbo-Solvency of Water Supplies.

SUPPLY Date Sample Collected.	Address at which Collected.	Approx. Length of Lead Service Pipe	RESULT OF EXAMINATION	
			Lead content (grains per gallon)	PH Value
HUDDERSFIELD CORPORATION.				
After standing 23/12/47 in pipe for a measured period of half an hour ...	Council Offices Mirfield	35 ft.	Nil	7.4
After standing 23/12/47 in pipe all night ...	do.	do.	Nil	7.4

(2) Drainage and Sewerage.

Except in isolated cases the district is provided with sewers. No other extension has been made during the year.

(3) Rivers and Streams.

The River Calder runs through Mirfield and is in a polluted state when it enters the district.

HOUSING.

During the year 50 Prefabricated Bungalows were completed and occupied. In addition 14 permanent type houses were completed out of the first contract of 34 houses It is hoped that the rate of building will improve during the coming year.

The re-housing of suitable tenants under the Councils " Points " scheme worked very satisfactorily. The necessary visits of inspection occupied much of the Sanitary Inspector's time.

Overcrowding.

Several new cases of overcrowding were brought to light during the year. It is most satisfactory to be able to report, however, that 19 overcrowded families were re-housed and provided that the present rate of building continues the most serious overcrowding cases should be re-housed during the coming year.

Overcrowding Particulars.

(*a*)	1	Number of Dwelling Houses Overcrowded at the end of the year	70
	2	Number of Families dwelling therein	70
	3	Number of Persons dwelling therein	376
(*b*)		Number of New Cases of Overcrowding reported during the year	17
(*c*)	1	Number of Cases of Overcrowding relieved during the year	19
	2	Number of Persons concerned in such Cases ...	101

INSPECTION AND SUPERVISION OF FOOD.

Milk Supply.

Producer Retailers in the District	24
Producers from Outside, Retailing in the District ...	7
Dairymen in the District	5
Dairymen from outside District	4
Retail Purveyors in the District	38
Cowkeepers in the District	27
Milk Purveyors added to the Register during year ...	2
Milk Purveyors who have Discontinued during year ...	1
Cowkeepers added to Register during year	Nil
Cowkeepers who have Discontinued during year ...	1

The Cowsheds and Dairies have been regularly inspected throughout the year, and in addition the cows have been subject to inspection by the Veterinary Officers of the Ministry of Agriculture and Fisheries. With the exception of minor defects the several Cowsheds and Dairies have been conducted in a satisfactory manner.

BACTERIOLOGICAL EXAMINATION OF MILK.

During the year 12 samples of Ordinary Milk and 25 samples of Designated Milk were submitted to the County Health Department for Bacteriological Examination. The results are as follows :—

TOTAL	GRADE	INSIDE DISTRICT Satisfactory	INSIDE DISTRICT Unsatisfactory	OUTSIDE DISTRICT Satisfactory	OUTSIDE DISTRICT Unsatisfactory
12	Ordinary	3	5	1	3
4	Tuberculin Tested	2	2	—	—
6	Tuberculin Tested (Pasteurised) ...	—	—	4	2
10	Accredited ...	7	2	1	—
5	Pasteurised ...	—	—	3	2

The results of samples submitted for Bacteriological Examination show that of the 37 samples of Milk from Retailers 21 or 56.75% were reported to be satisfactory. Follow-up samples were taken of the unsatisfactory Milks, and these have now been reported to be satisfactory. It is significant to note that 8 out of the 12 samples of Ordinary Milk were reported upon adversly.

MILK (Special Designations) ORDER, 1936-1938.

Number of Licences in operation during 1947 ...	15
Licences issued by W.R.C.C.	
Accredited Milk	7
Tuberculin Tested	2
Licences issued by the Council	
Two Licences (Supplementary) to Retail Pasteurised Milk	2
One Licence (Dealers) to Retail Pasteurised Milk	1
One Licence (Supplementary) to Retail Tuberculin Tested Milk	1
Two Licences (Dealers) to Retail Tuberculin Tested Milk	2

FOOD AND DRUGS ACT, 1938.

The West Riding County Council, acting as the Food and Drugs Authority for the area, submitted during the year 34 samples for analysis under the Act. It is gratifying to report that all the samples submitted were reported to be genuine.

Number of Samples taken under the Food and Drugs Act, 1938

Milk		Other Foods	
Genuine	Adulterated	Genuine	Adulterated
26	0	8	0

No. of proceedings—Nil. Cautions issued—Nil.

REGISTRATION OF FOOD PREMISES.

(*a*) Ice Cream

Two Premises are Registered for the sale of Ice Cream.
Two Premises are Registered for the Sale and Manufacture of Ice Cream.

The year saw the introduction of the Ice Cream (Heat Treatment) Regulations 1947. Visits were made to all Registered Premises and the provision of the Regulations discussed with the occupiers. Two Premises only manufacture Ice Cream and both are manufacturing the Complete Cold Mix and comply with the requirements of the Regulations.

Three samples were obtained during the year as follows :—

No.	Methylene Blue Test Reduction Time	B.coli present 1/10 ml. dilution	Provisional Grade
1	1 hour	3 out of 3 tubes	3
2	4½ hours	Nil	1
3	4 hours	Nil	2

(*b*) Register of Food (Preparation and Manufacture Premises)

Twelve Premises are Registered for the Preparation or Manufacture of Food Products.

Thirteen are Registered for the Preservaton of Fish Cooking

These premises have been regularly inspected during the year, and apart from minor details, there has been no serious contravention of the Act during the year. Sanitary improvements were made during the year to two cleansing rooms at fish frying premises.

SLAUGHTER-HOUSES.

The number of Licensed Slaughter-Houses in the District is 7.

Slaughtering for this District is carried out at the Spenborough Abattoir under the control of the Ministry of Food.

One new Licence was issued to a Bacon Factory for the slaughter of Pigs. Slaughtering commenced in May; and to the 31st December 1203 Pigs were slaughtered.

Details of inspections and condemnations are shown as follows :—

For the period May to December, 1947.

			CONDEMNATIONS.	
No. of Inspections	T.B.	Weight	Other Causes	Weight
1203	26 Pig Heads	312 lbs	3 Pig Heads (Abscesses)	36 lbs
	16 Pig Plucks	112 lbs		
	8 Mesenteric Fats	32 lbs	1 Pig Pluck (Pleurisy & Peritonitis)	7 lbs

RATS AND MICE DESTRUCTION ACT, 1919 INFESTATION ORDER, 1943.

Once more throughout the year much time and attention has been spent on this important work. Two Maintenance Treatments of the sewers have been carried out during the year, and in addition 19 treatments have been carried out at private premises with good results.

An infestation occurred on the Council Tip during the year and was dealt with immediately. The infestation was of a minor character and the tip is now free from infestation.

During the year the Ministry of Agriculture and Fisheries became the responsible authority for Rodent Control and the functions of the Ministry of Food, Infestation Control Division, were transferred to the Ministry of Agriculture and Fisheries.

The control of rat infestation requires constant attention. The procedure recommended by the Ministry of Agriculture and Fisheries is being carried out. In addition to your Sanitary Inspector much of this work is carried out by Mr. F. W. Popplewell, Foreman, who has been trained in the approved technique.

There are now no large centres of infestation in the area, and minor infestations are dealt with immediately they are brought to light.

CONDEMNATIONS OF UNSOUND FOOD.

The following items were surrendered and condemned as unfit for human consumption during the year :—

Boneless Beef	861 lbs.
Brisket	26 lbs.
Skirt	4 lbs.
Roast Beef	6 lbs.
Luncheon Meat ...	6 lbs.
Stewed Steak	1 lb.
Steak and Kidney Pudding	1 lb.
Bacon	18 lbs.
Tinned Bacon	18 ozs.

Condemnations of Unsound Food—continued.

Tinned Sausage ...	...	27 ozs.
Tinned Apples ...	...	6 lbs.
Cod Fish ...	...	12 stones
Fish Cakes ...	...	6 dozen
Eggs in Shell ...	...	56
Butter ...	...	3 lbs.
Evaporated Milk	...	57 lbs.
Peas ...	...	10 lbs.
Beans ...	...	8 ozs.

SCAVENGING.

The staff engaged on this work consists of 2 Drivers, 8 Dustmen and 1 Tipman under the supervision of the Foreman. In addition one man is engaged solely on Salvage work.

The two Refuse Collecting Vehicles are now in a bad state of repair and require frequent attention. Delivery of the new vehicles has not yet been made and it is hoped that these machines will arrive in the near future. The re-conditioned Morris Tipper purchased in 1944 continues to give good service.

A new garage for the above vehicles was made by the conversion of certain open sheds in the Council Yard and was occupied for the first time on the 18th December. This has supplied a long felt want and is a decided acquisition to the Department.

A weekly collection of refuse was maintained during the year, this compares most favourably with surrounding areas.

Details of the work carried out by the Department during the year are set out below :—

Waggon No.	Loads to Tip	Bins	Privies	Ashpits	Pail Closets	Trade Refuse
1	979	84,115	824	601	1713	198
2	1051	81,267	1259	817	559	276

All refuse was disposed of by controlled tipping in the quarry at Stocks Bank Road at the cost of a Tipmans wages only. The quarry is now almost exhausted and consideration will soon have to be given to the provision of new tipping facilities.

COLLECTION AND DISPOSAL OF REFUSE.

EXPENDITURE	£	s	d	£	s	d	£	s	d
Wages	3256	4	10						
National Insurance ...	93	4	10						
Superannuation Contributions	55	0	2						
				3404	9	10			
Miscellaneous Repairs, etc.				83	14	1			
Bonus Payments to Workmen				14	11	0			
Vehicle Insurance and Tax				116	6	2			
Tyres and Tubes ...				74	6	0			
Petrol and Oil ...				234	15	7			
Workmen's Compensation Insurance				11	13	2			
Baling and Bagging Materials				6	15	0			
Rates				12	12	0			
Petty Disbursements ...				6	11	9			
Loan Charges ..				35	0	5			
							4000	15	0
INCOME.									
Salvage Receipts ...				724	19	1			
Trade Refuse ...				35	5	0			
Easements and Rents ...				22	1	8			
Hire of Lorry ...				6	17	4			
Payment on Increased Salvage Collection				65	6	0			
							854	9	1
Excess of Expenditure over Income ...							£3146	5	11

SALVAGE, 1947-1948.

The results of the Salvage effort during the year are set out below and again show a slight increase in tonnage and a good increase in income over the previous year.

The results are most encouraging and reflect credit to the employees of the department and to the householders who co-operate with the Council in this important work.

SALVAGE RETURNS.

1946-1947						1947-1948					
Tonnage			Income			Tonnage			Income		
T	C	Q	£	s	d	T	C	Q	£	s	d
175	4	0	665	10	5	175	6	3	775	14	1

INCOME FROM SALE OF SALVAGED MATERIALS.

		T	C	Q	Lbs.	£	s	d
Paper ...	...	82	12	0	0	526	0	10
Scrap Metal	...	7	16	2	0	23	7	7
Bottles and Jars	...	9	0	1	0	37	12	9
Rags ...	...		5	2	15	4	4	8
Kitchen Waste	...	75	12	2	0	184	8	3
		175	6	3	15	775	14	1

The results of the Salvage efforts in this area during the past years are shown by the following Table which indicates the benefits accruing to the Nation and to the District by this means.

		TONNAGE			INCOME		
		T.	C.	Q.	£	s.	d.
1940	...	177	9	1	525	17	4
1941	...	171	7	2	595	13	2
1942	...	227	16	0	1023	15	5
1943	...	210	11	3	857	8	10
1944	...	176	19	0	677	18	8
1945	...	168	15	2	621	16	10
1946	...	175	4	0	665	10	5
1947	...	175	6	3	775	14	1
		1483	9	3	5743	14	9